Global Warming Gridlock

EES 3310/5310
Global Climate Change
Jonathan Gilligan

Class #39: Friday, April 23 2021

Final Exam

- Take-home, essay format
 - I will post the exam to Brightspace on Friday April 30
 - Due (on Brightspace) Monday May 10 by 2:00 PM Nashville time
 - I recommend you read the exam shortly after I post it even if you won't start working on it until much later.
 - Give yourself a chance to think about it, ask questions if anything is unclear.

Rules

- Open book, open notes, use can use additional books, internet, etc.
- You must do your own work

• Format

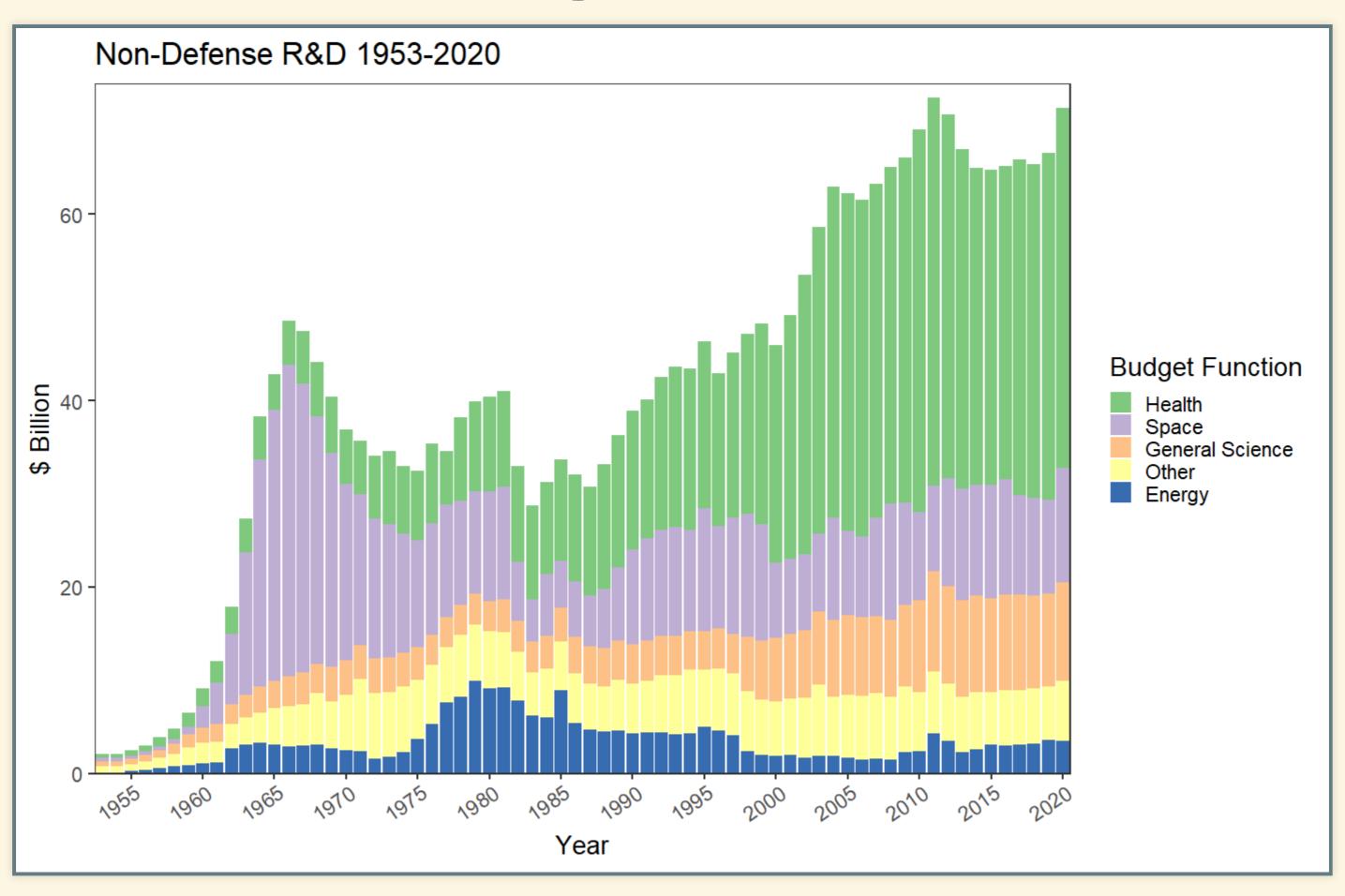
- Two short essays tying together material we have studied throughout the semester
 - The focus is about the big ideas we have studied, not little details
- Recommended length: about 1–2 pages single-spaced for each essay

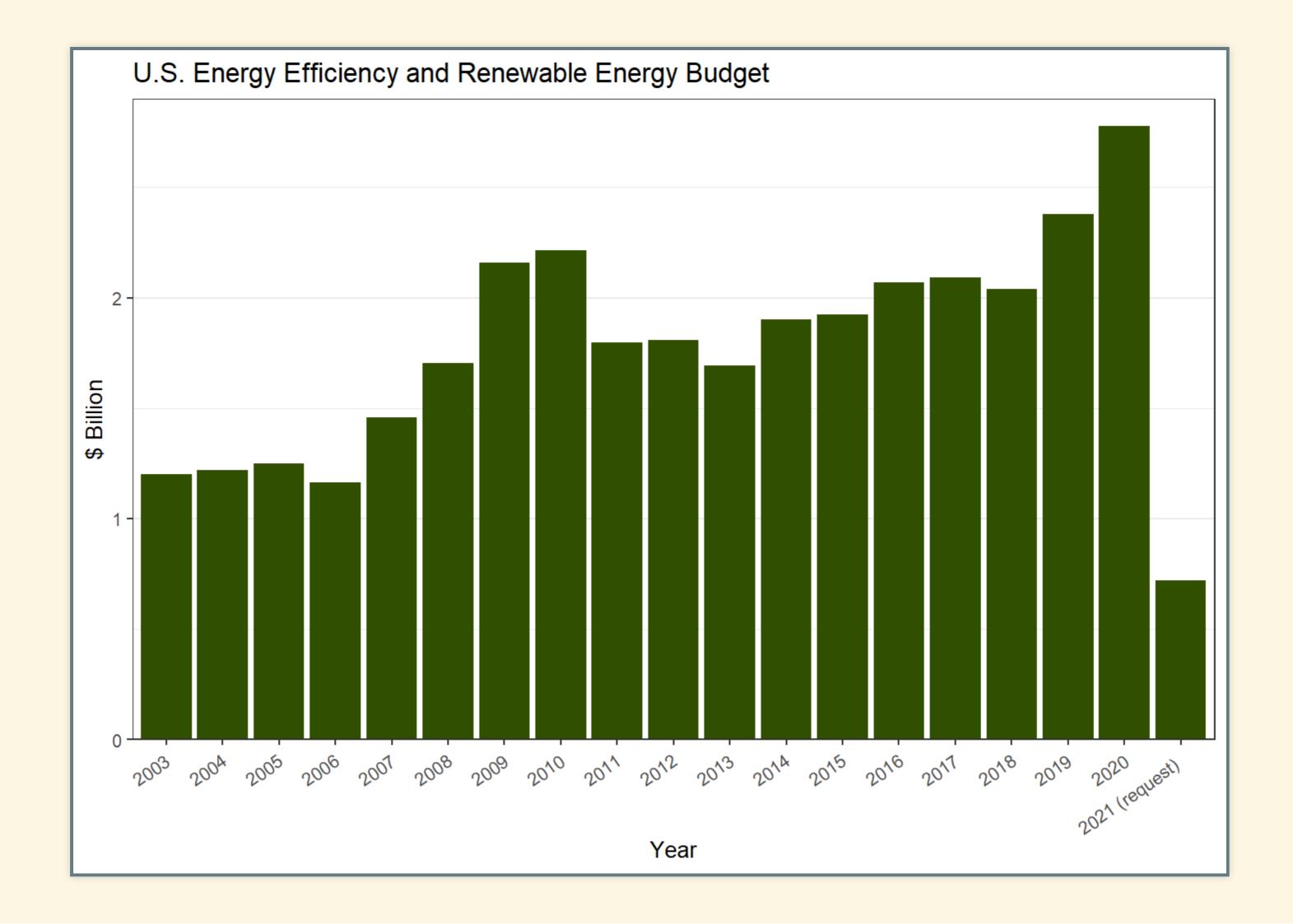
Gridlock

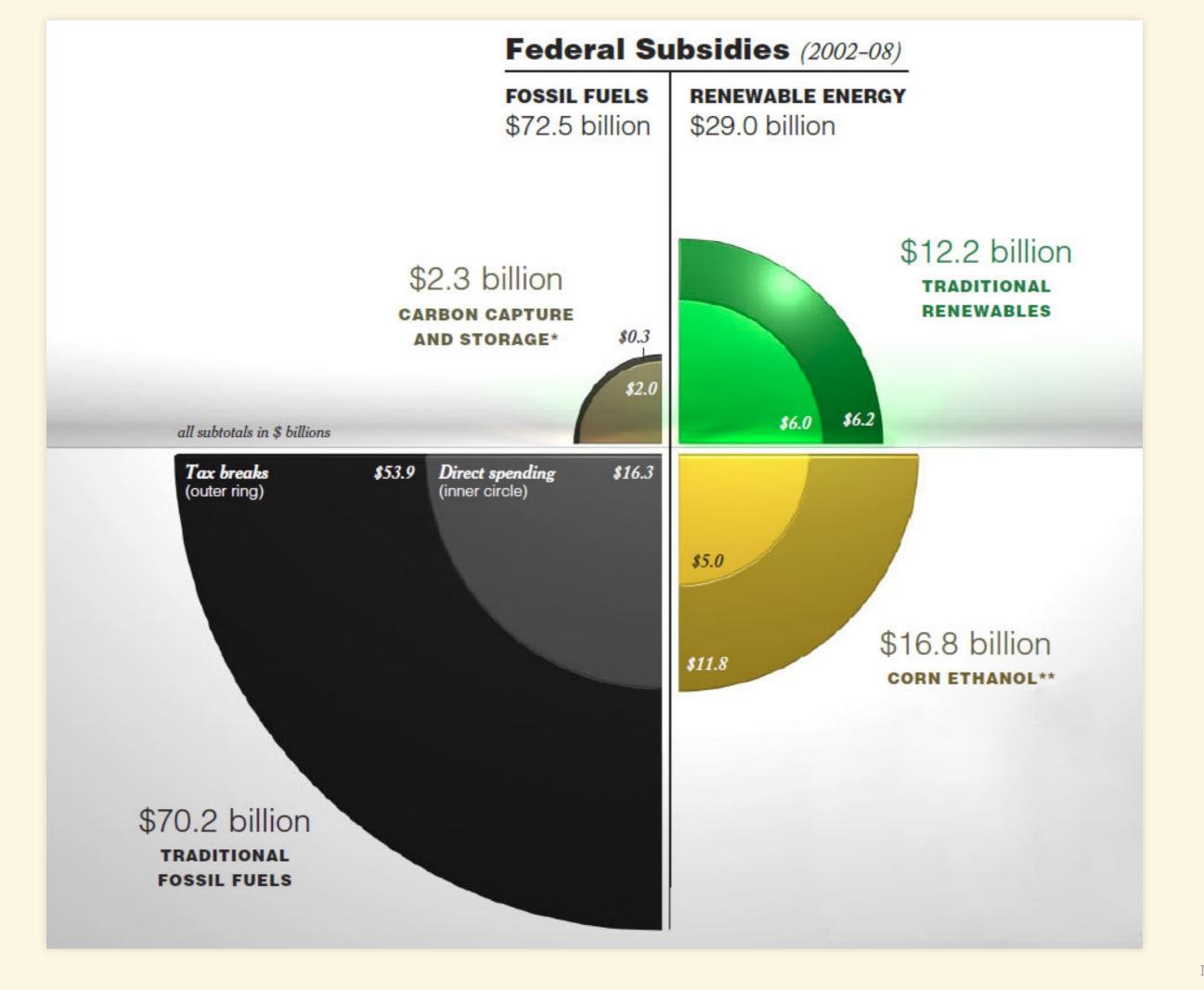
Gridlock: Basic Outline

- 1. Science: CO₂ is a "stock pollutant"
- 2. Three myths:
 - a. Scientists' myth: Science can us tell what policy should be
 - b. Diplomats' myth: Universal treaties
 - c. Engineers' myth: RE < C
- 3. Regulating emissions
 - Power, interests, capabilities
- 4. Investing in innovation
- 5. Bracing for change
- 6. New International Strategy

Investing in Innovation







Gridlock

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- 5. Bracing for change
 - Adaptation, geoengineering
- 6. New International Strategy

Fairness & Justice

- Corrective Justice
- Distributive Justice

U.S. TO GIVE \$3 BILLION TO CLIMATE FUND TO HELP POOR NATIONS AND SPUR RICH ONES

By CORAL DAVENPORT and MARK LANDLER

NY Times, Nov. 15, 2014, p. A5

Republicans ... are working to block the administration from funneling federal dollars to developing nations so they can tackle climate change.

By AMY HARDER and KRISTINA PETERSON

The Wall Street Journal, Nov. 27, 2015

GROWING CLAMOR ABOUT INEQUITIES OF CLIMATE CRISIS

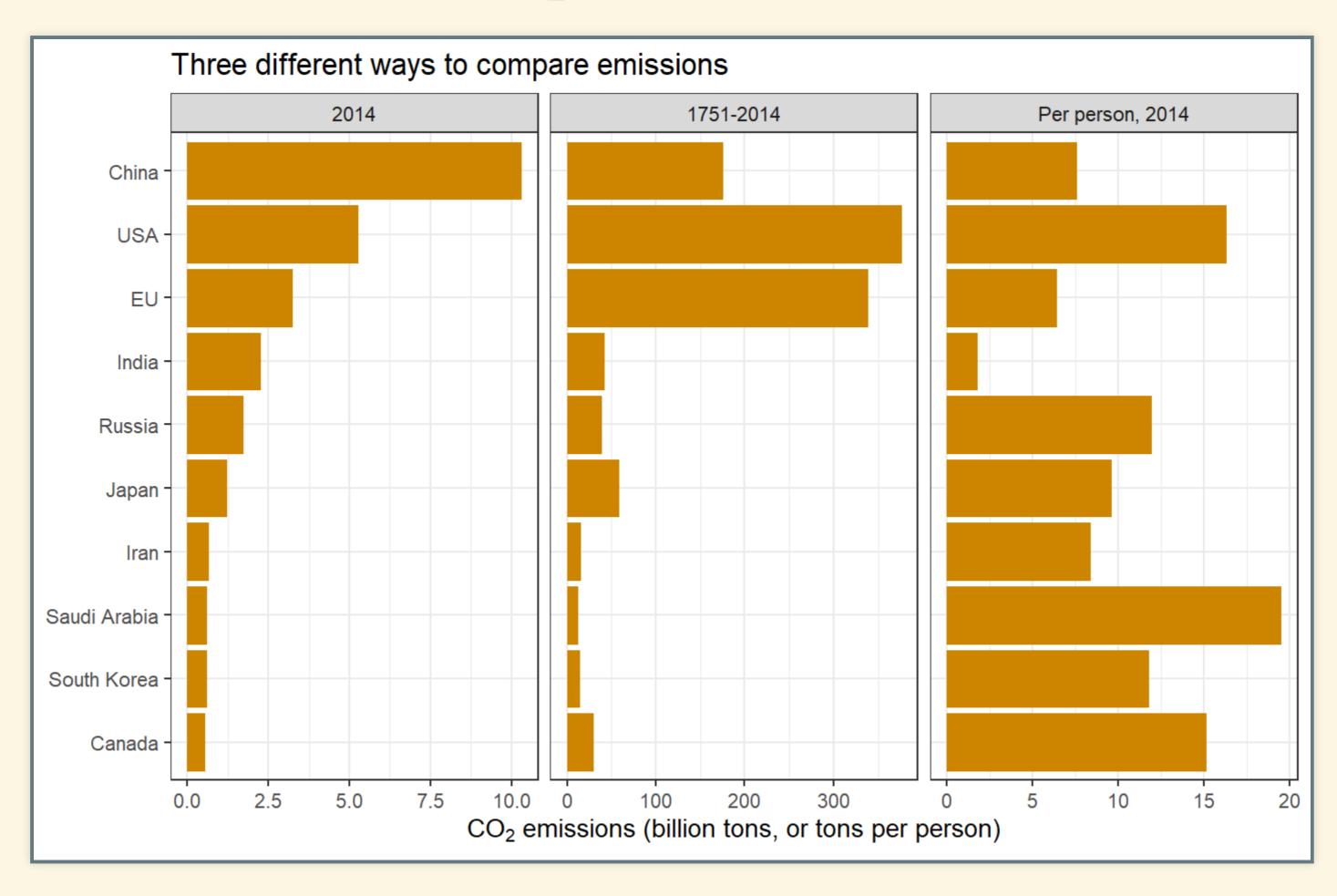
RESTITUTION DEMANDED

Typhoon Highlights Rift as Poor Nations Fault Rich for Damage

By STEVEN LEE MYERS and NICHOLAS KULISH

NY Times, Nov. 17, 2013, p. A1

CO₂ emissions



12 Nations = 77% of emissions

- 1. China
- 2. **US**
- 3. **EU**
- 4. India
- 5. Brazil
- 6. Japan
- 7. Canada
- 8. Australia
- 9. Indonesia
- 10. S. Korea,
- 11. S. Africa,
- 12. Mexico

